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719 7590 10/29/2004

**CATERPILLAR INC.
100 N.E. ADAMS STREET
PATENT DEPT.**

01/25/2005 HUEMELSK 00000057 031129 09977726

01 FC:1501 1400.00 DA
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Kelly A Umholtz

(Depositor's name)

Kelly A. Umholtz

(Signature)

1-18-2005

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/977,726	10/15/2001	James W. Landes	01-521	3323

TITLE OF INVENTION: APPARATUS AND METHOD FOR DATA COMMUNICATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	01/31/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
SWENSON, BRIAN L	3618	180-170000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	Finnegan, Henderson, Farabow, Garrett & Dunner R. Carl Wilbur D James Barnes
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Caterpillar Inc

Peoria, IL

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

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Issue Fee
 Publication Fee (No small entity discount permitted)
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A check in the amount of the fee(s) is enclosed.
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 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 03-1129 (enclose an extra copy of this form).

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a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Dennis C Skarvan

Date

14 Jan '05

Registration No. 35,360

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